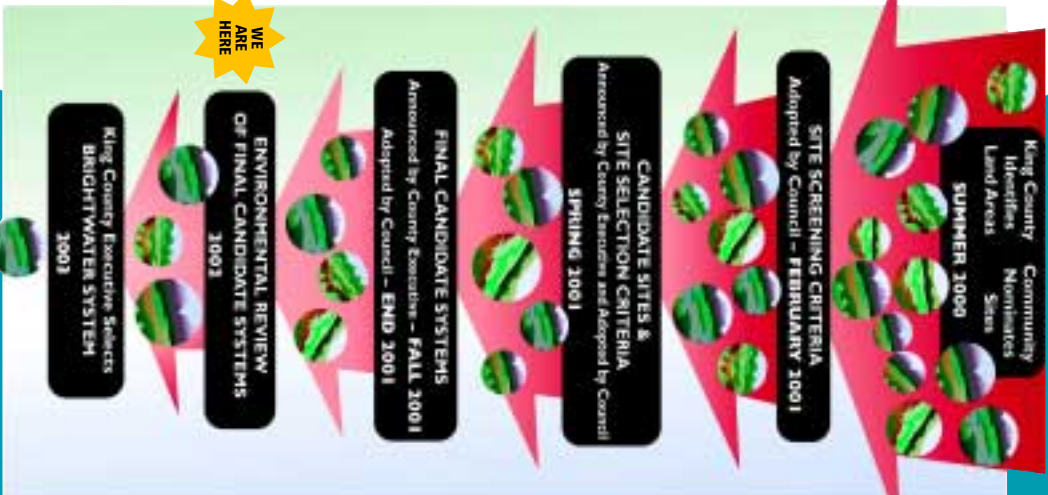


Check your mailbox for opportunities to get involved this May.



BrightWater

for a Sound future

Environmental Impact Statement Process

A new wastewater treatment system called Brightwater is needed to treat wastewater from south Snohomish and north King counties and to protect public health and the environment. Many studies are currently underway to help make Brightwater a good neighbor and protect the environment.

Many of these studies come together in the Environmental Impact Statement (EIS). This document will analyze the environmental effects of construction and operating the entire wastewater system under consideration (treatment plant, conveyance pipes and pump stations, and outfall). The detailed environmental review will begin in May 2002 on the two system alternatives now under consideration:

Edmonds Unocal and Route 9. Traffic

Citizens involved at every step

The environmental process is designed to be open and accessible to citizens and make it easy for people to share their opinions. The process includes two key opportunities for citizens to be involved. The first will be at a series of scoping meetings held in May 2002. "Scoping" refers to issues to be covered in the EIS and invites citizens to help identify potential environmental impacts that should be studied. During the scoping period, citizens and agencies can submit written comments to be considered during development of the EIS, or they can make verbal comments at a scoping meeting. This is an important point



Inside This Issue

- **Environmental Impact Statement Process**
- **Citizens Involved at Every Step**
- **Selecting the Right Technology**

Speaker's Bureau

Brightwater staff want to answer your questions and hear your thoughts about the project.

Project Team Members are available to talk with you and are happy to come out to:

- your church, synagogue or mosque
 - your neighborhood association meeting
 - your community block watch meeting
 - your homeowners association meeting
 - your social club gathering
 - your community picnic or festival
 - your community council meeting
 - your PTA meetings
 - your community's youth groups meetings
 - your company's staff meetings
- Your concerns are important to us. We want to hear your thoughts and ideas as we continue forward in this siting process.
- To invite a speaker, call our toll free number at 1-888-707-8571 or call Debra Ross at 206-684-1344.

BrightWater

for a Sound future

BRIGHTWATER FOR A SOUND FUTURE

Continued from page 4

process uses air, which is reliable and cost effective. Because of space constraints, high purity oxygen is used at West Point. The high purity oxygen is more efficient at oxygen transfer and requires deeper, covered tanks, which need less surface area and a smaller footprint. Another emerging technology to consider for Brightwater uses membranes to clean the wastewater and provide secondary treatment.

Disinfection

The next stage of the treatment process is disinfection, which destroys or deactivates any remaining organisms before the treated wastewater is sent to Puget Sound. Chemical and ultraviolet disinfection are being considered. Sodium hypochlorite, a more concentrated form of common household bleach, can be used instead of chlorine for chemical disinfection. Ultraviolet disinfection is another option in which the wastewater flow passes through high intensity light that deactivates the bacteria.

Reclaimed Water

Some wastewater is treated to a very high level so it can be reused safely for

non-drinking water purposes

such as landscape irrigation and industrial processes. This

is an important water conservation tool used extensively in other states. Processes to reclaim wastewater could involve sand filters and membranes.

Biosolids

The material that is removed from the water during primary and secondary treatment is treated to make biosolids, a nutrient-rich material that can be recycled as a soil amendment and is used in farming, forestry, and landscaping. A byproduct of biosolids treatment is methane gas, which is used as a fuel to generate heat or electricity.

Odor Control

Various methods for controlling odors include covering portions of the treatment process to prevent odors from being released to the atmosphere and using carbon filters, chemical scrubbers, or compost-like "biofilters" to filter the air.

King County is committed to exploring the latest technology and choosing the right process for each situation, wherever Brightwater is located. It is likely that Brightwater will use a blend of reliable, proven technology with cutting edge systems.

King County Executive Ron Sims holds up reclaimed water. We can save water by using it over and over again.



PERMIT NO. 836
SEATTLE, WA
PAID
US POSTAGE
STANDARD
PRESORT

King County
Department of
Natural Resources and Parks
Wastewater Treatment Division

Attn: Debra Ross
King Street Center
201 S. Jackson St. • M.S. KSC-NR-0503
Seattle, Washington 98104-3855

This material is provided in alternative formats for individuals with disabilities upon request by calling the Wastewater Treatment Division at (206) 841-280



Produced by the King County
Department of Natural Resources
2002 CENRIS
55-GDPH86208

Project Web Site

Learn more about the project and important decision-making milestones by visiting us at <http://dnr.metrokc.gov/wtd/brightwater/>

Continued on page 2

